

# Work Order ID 64513

Tuesday, December 07, 2010 9:54:22 AM



Page 1

Item ID: D350-607-043

Accept



Setup Start



Revision ID:

Item Name: Heli-Utility-Basket

Stop



Start Date: 12/7/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 12/17/2010 Req'd Qty: 1.00

Customer:

Reference:

Approvals:

Process Plan:

*[Signature]*

Date: 10-12-7

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start



Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D350-607-1

A

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPPD350-607-043 CHG005  
PRINT DWG PAGE: 41/42 OF 162

*Suloi26*

*@ J for BG 11-01-26*

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

*11/1/24 SP*

120

Small Fab

0.00



Small Fab

Memo

0.00

Small Fab

Assemble as per Dwg D350-607  
Seal Support Gusset with Sikaflex -291  
Batch: *1115114*  
Exp Date: *11/01*

*=> M 11/01/25*

*1 0*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 64513**

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Tuesday, December 07, 2010 9:54:22 AM

Item ID: D350-607-043

Accept



Setup Start



Revision ID:

Stop



Item Name: Heli-Utility-Basket

Start Date: 12/7/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 12/17/2010 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

140

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

150

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

Sublot 25

④

C 10/11/26 ①

Sublot 26

④

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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# Work Order ID 64513

Tuesday, December 07, 2010 9:54:22 AM

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Item ID: D350-607-043

Accept

Setup Start

Revision ID:

Stop

Item Name: Heli-Utility-Basket

Start Date: 12/7/2010 Start Qty: 1.00

Cust Item ID:

Required Date: 12/17/2010 Req'd Qty: 1.00

Customer:

Reference:

Run Start

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

160

0.00



Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-607-043  
Location: BK

170

0.00



QC21- Final Inspection - Work Order Release

QC

Memo

0.00

Quality Control

REG

11/1/26

11/01/26

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

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Page 1

Work Order ID: 64513

Parent Item: D350-607-043

Parent Item Name: Heli-Utility-Basket











Start Date: 12/7/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00



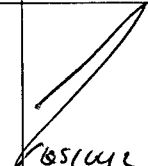

Comments: IPP Rev:E as Per DSI9318 06-01-24 JLM  
IPP Rev:F ECN1068 07-12-21 DD verified by:ec IPP rev:G as  
per ecn10-545 DD 10.04.19 verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2728-3  Dart Logo label		Manufactured	No			110	Each	0.0000	2	2			
										M415050 11/1/248			
D350-607-241  Basket Clamp Assembly		Manufactured	No			140	Each	4.0000	1	1			
										B65145 11/1/248			
					<u>Location</u>				<u>Loc Qty</u>	<u>Loc Code</u>			
					FG022				4				
					64077				4				
D2022-101  Spacer		Manufactured	No			110	Each	100.0000	5	5			
										11/1/248			
					<u>Location</u>				<u>Loc Qty</u>	<u>Loc Code</u>			
					ST504				100				
					50746				23				
					52325				10				
					63318				67				
D2221  350 Basket Base		Manufactured	No			110	Each	0.0000	1	1			
										B64574 11/1/248			
D2258-200  Placard 200lb		Manufactured	No			110	Each	3.0000	1	1			
										B64284 11/1/248			
					<u>Location</u>				<u>Loc Qty</u>	<u>Loc Code</u>			
					ST505				3				
					61760				3				

→ P10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		<del>B64284</del> TX 1 de Scrap	SP	11/1/25			

Part No: D350-607-043 PAR #: \_\_\_\_\_ Fault Category: Function NCR: Yes No DQA: \_\_\_\_\_ Date: 10/01/25  
 Resolution: rework Disposition: rework QA: N/C Closed: Yes Date: 11/01/26

NCR: 64513		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
11/01/25	#120	1 Scrap D2206-200 was install cracked RL cannot be install. Process		Scrap Qty 1	 11/01/25	S 11/01/25		S 11/01/25
		D2206-200 B64284						

NOTE: Date & initial all entries



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Work Order ID: 64513

Parent Item: D350-607-043

Parent Item Name: Heli-Utility-Basket

Start Date: 12/7/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

D2332-041

Manufactured No

110 Each

6.0000

1



Lid Prop Assembly 6.69" long



11/12/48

Location

Loc Qty

Loc Code

ST512

6

60211

1

61222

5

D2530

Manufactured No

110 Each

5.0000

1



Handle Weldment



1  
1  
B64443 sf

Location

Loc Qty

Loc Code

ST506

5

62946

5

D2535

Manufactured No

110 Each

36.0000

2



Spring



2  
11/12/48

Location

Loc Qty

Loc Code

ST504

36

58331

36

D2537

Manufactured No

110 Each

48.0000

2



Bushing



2  
11/12/48

Location

Loc Qty

Loc Code

ST504

48

62393

18

64064

30

2

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Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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**NOTE:** Date & initial all entries

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Work Order ID: 64513

Parent Item: D350-607-043

Parent Item Name: Heli-Utility-Basket

Start Date: 12/7/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

D2931	Manufactured	No	110	Each	754.0000	2	
Bumper							
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>		
			ST504	754			
			46064	754			
D2989-041	Manufactured	No	110	Each	0.0000	1	
Basket Lid Assembly							
D2989-043	Manufactured	No	110	Each	0.0000	1	
Basket Lid Assembly							
AN3-16A	Purchased	No	110	Each	70.0000	2	
Bolt							
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>		
			ST352	70			
			114752	70			
AN4-13A	Purchased	No	110	Each	452.0000	2	
Bolt							
			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>		
			ST357	452			
			116191	452			

11/12/10

2

B64513(x1) 11/6/12

B64513(x1) 11/6/12

11/14/12

11/16/12

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Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

# Picklist Print

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Page 4

Work Order ID: 64513

Parent Item: D350-607-043


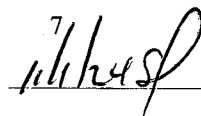

Parent Item Name: Heli-Ut-ty-Basket

Start Date: 12/7/2010


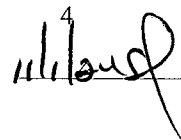

Required Date: 12/17/2010

Start Qty: 1.00


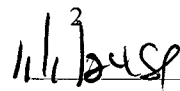

Required Qty: 1.00

AN4-22A Purchased No 110 Each 164.0000 7  7   
  
 Bolt


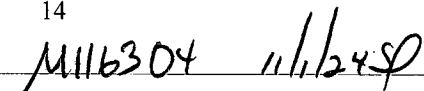

Location	Loc Qty	Loc Code
ST359	164	
111965	2	
114523	62	7
114784	100	

AN5-17A Purchased No 110 Each 84.0000 4  4   
  
 Bolt

Location	Loc Qty	Loc Code
ST339	84	
115594	34	
116003	50	7

MS20600-AD4W3 Purchased No 110 Each 1,435.000 2  2   
  
 Cherry Rivets

Location	Loc Qty	Loc Code
ST321	1435	
107939	754	
111636	681	2

AN960JD416 NAS1149D0463J Purchased No 110 Each 30.0000 14 14  14   
  
 Washer

Location	Loc Qty	Loc Code
ST300	24	
113288	24	
ST356	6	
115622	6	

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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**NOTE:** Date & initial all entries

# Picklist Print

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Work Order ID: 64513

Parent Item: D350-607-043

Parent Item Name: Heli-Utility-Basket

Start Date: 12/7/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

AN960JD416L NAS1149D0416J Purchased

No

110

Each

172.0000

2



Washer

11/12/10

Location

Loc Qty

Loc Code

ST346

170

106785

2

110153

168

ST351

2

115103

2

AN960JD516 NAS1149D0563J Purchased

No

110

Each

34.0000

4



Washer

11/12/10

Location

Loc Qty

Loc Code

ST

34

103694

18

107534

12

109287

4

AN960JD8 NAS1149DN832 Purchased

No

110

Each

10.0000

2



Washer

11/12/10

Location

Loc Qty

Loc Code

ST347

10

105059

10

NAS1515H4 Purchased

No

110

Each

135.0000

2



Washer

11/12/10

Location

Loc Qty

Loc Code

ST277

135

111294

5

111525

80

116169

50

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Page 5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Work Order ID: 64513

Parent Item: D350-607-043


Parent Item Name: Heli-Utility Basket

Start Date: 12/7/2010

Required Date: 12/17/2010

Start Qty: 1.00


Required Qty: 1.00

AN970-4 Purchased No 110 Each 139.0000 4 4  
  
 Washer

Location	Loc Qty	Loc Code
ST344	100	
115936	100	
ST349	39	
116081	39	

11/12/10 SP


4

MS21042L3 Purchased No 110 Each 1,241.000 2 2  
  
 Nut

Location	Loc Qty	Loc Code
ST300	1241	
114784	245	
115835	996	

11/12/10 SP

2

MS21042L4 Purchased No 110 Each 4,914.000 9 9  
  
 Nut

Location	Loc Qty	Loc Code
ST300	4914	
1123143	2	
115589	312	
115621	1100	
116188	3500	

11/16/10 SP 11/12/10 SP

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Tuesday, December 07, 2010 9:54:28 AM

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Work Order ID: 64513

Parent Item: D350-607-043

Parent Item Name: Heli-Utility-Basket



Start Date: 12/7/2010

Required Date: 12/17/2010

Start Qty: 1.00

Required Qty: 1.00

MS21042L5

Purchased

No

110

Each

1,255.000

4



4  
1.1 busp

Nut

Location

Loc Qty

Loc Code

ST139

26

114813

26

ST300

1229

115156

29

115594

500

116104

200

116105

500

4

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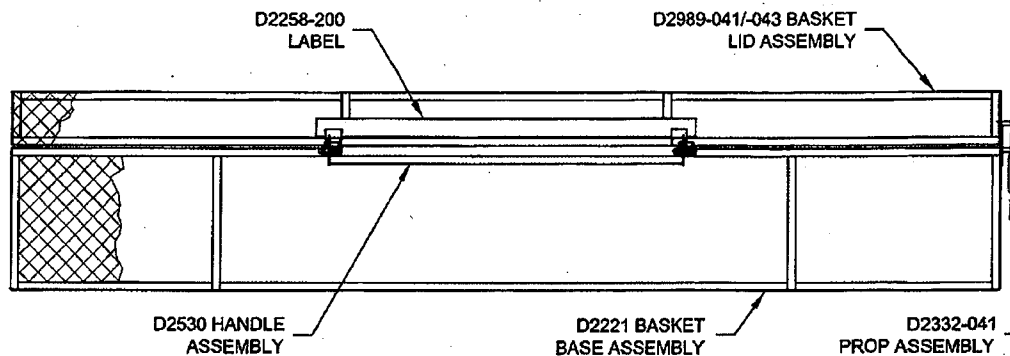
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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

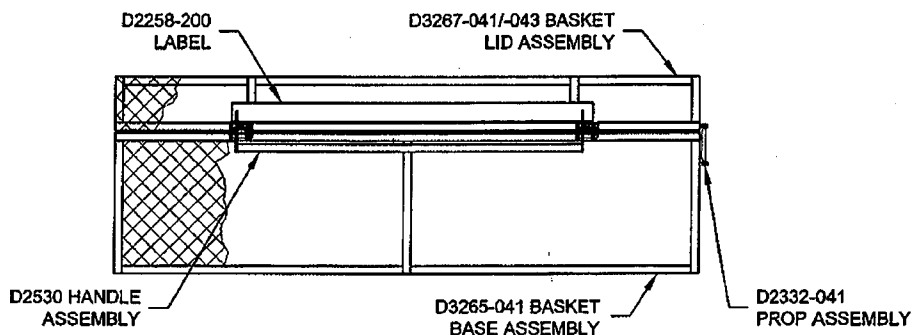
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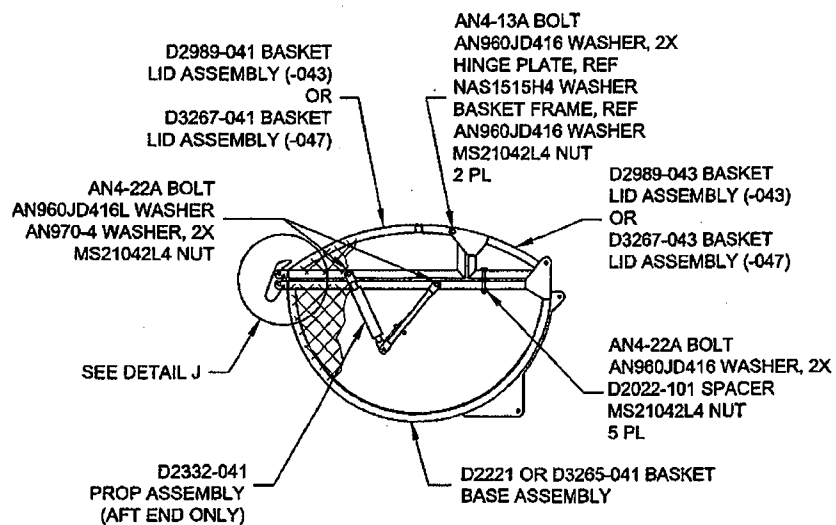
**NOTE:** Date & initial all entries



**D350-607-043 HELI-UTILITY- BASKET™**



**D350-607-047 HELI-UTILITY- BASKET™**



**VIEW C-C  
PROP ARM DETAIL**

**Figure 6- Basket Replacement Parts**

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 64513  
2810-127

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Revision: **A**  
Date: 10.03.10

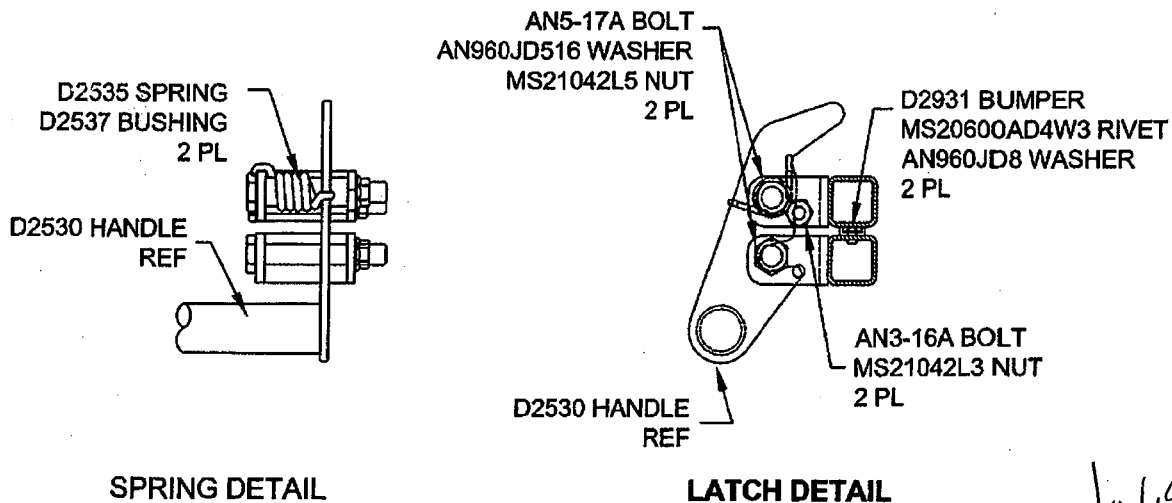
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

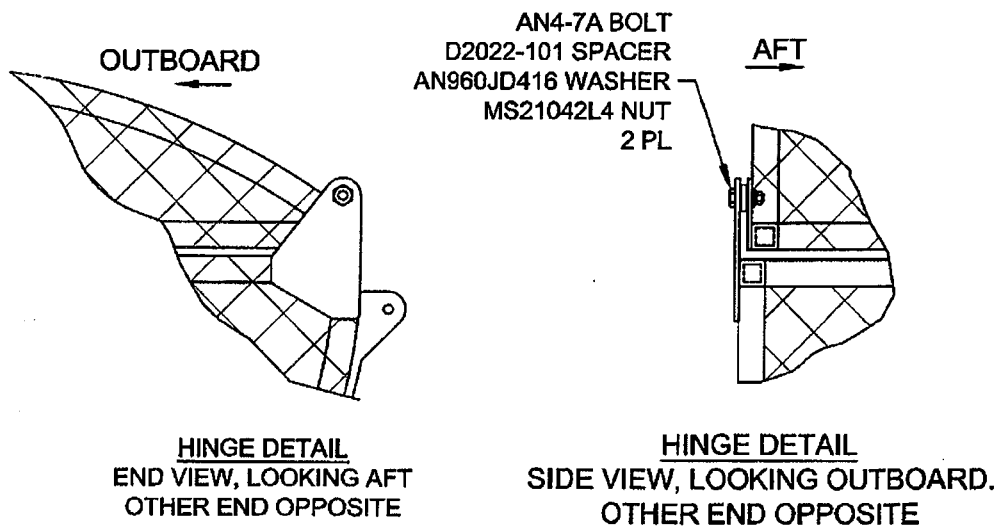
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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



DETAIL J:  
HANDLE WELDMENT

*w/064513*



DETAIL H:  
HINGE

**Figure 7 – Basket Replacement Parts**

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Revision: **A**

Date: 10.03.10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries